L. 03.10-93

G. R. S. IX-5]

Previous references. 1902-03.

494.

(Sanys)

File No. 57-02

Serial Nos. /

Later references.

GENERAL AND REVENUE SECRETARIAT.

P-11-E *Serial Nos.* \

Part B for November 02

SUBJECT.

Improvement of Embankments in Manipur

Index K

W D 1250—GPB—30,000 28-1-19

Memo

The following facts are gathered from the papers in this office and from 2 files of precis submitted by the Deputy Comr Shimoga with his c/o $\frac{S\cdot 64}{S\cdot 33}$ dated 7th Decr 1888 regarding the Kumbargundy project at Shimoga

On the 20th October 1863, the Asst Surgeon Witton brought to the notice of the Superintendent, Chagar On, the insanitary condition of the town of Shimoga, such as imperfect drainage, rank vegetation &c and suggested measures for immediate execution. The Asst Supt was requested to render his assistance in the execution of the measures suggested.

Col Puckle, the then Asst Superintendent at Shimoga stated in a long letter of 5/1/64 that, besides rank vegetation and thick growth of trees preventing free circulation of air in the

The original correspondence is now with the Commissioner

* c/o 1920 of 5/1/64 to Chagar/ Supt.

the town, the wide and deep Valla in the heart of the town (hereafter called Koombargundi) — a receptacle of much filth and subject to inundations from the river Tunga — was the cause of annual epidemic and suggested arrangements in detail for the improvement of the town. These being supported by the Supte, Nagar Division, were approved of by the Commissioner, who sanctioned a special grant of Rs 1000 for the execution of the proposed measures.

In the year 1870, an Estimate with plan for Rs 20108 would appear to have been prepared for the improvement of the Koombargundy and submitted by the Executive Engineer and sanction to the extent of Rs 6000 accorded by the Chief Engineer in the Budget for the year. But the provision was struck out in the revised (Budget) order.

Executive Engineer's no $\frac{150}{403}$ of 26/4/70 to President, Shimoga.

The Municipal Board× in submitting an Estimate with pl

× Pro of 25/7/70 subd with Presidents' no 80 of 27/7/70 & Nagar Supte no $\frac{1327}{66}$ of 24/6/70

plan for certain roads.
observed that they had
great defficulty in suggesting
any expensive method of
dealing with the Kumbargundy
question and that it would be
advisable to give out the
ditch for vegetable cultivation
to keep the place clean and
to prevent persons from
resorting to it for calls
of nature.

The Proceedings were
approved by the Chief Com^r

× D. P. W. Secy's No 654 dt 07
16/8/70

On the 19th August
1870 the Secy D. P. W would
appear to have called for
an Estimate and Plans for
the proposed improvements
to the Kumbargundy; and
the Estimate accordingly
submitted by the President,
Municipal Board, was
sanctioned by the Chief
Com^r for the construction
of arched and covered
drains in the town at
a cost of Rs 5162.

× No 6319 dt 27/9/70 To
Cragar Dr from D. P. W.
Secy.

Thereupon the President
of the Municipality and the
Executive Engineer inspected
the spot, compared the
plans with the Estimates
sanctioned

× No 1105 dt 14/3/71 From
Mr President to Cragar
Dr Supt

P. W. D., and finding they did not tally with those submitted by the President, they considered it best to leave undisturbed the work already carried out near the Kumbar Goondie.

At the request of the Dy. Supt., the President Submitted a revised plan of the Kumbargundy project according to the alterations proposed by the late President and the Executive Engineer in consultation But when a revised Estimate in accordance with the new plan was called for, the Dy Supt said that no Estimate had been framed, but that if one be required the Municipal overseer would be deputed to prepare the Same.

In returning the Plan for resubmission with the revised Estimate, the Supt desired the ass. Supt to

to forward a statement
shewing the quantity
of work executed by
convicts with the valuation
thereof according to the Estimate
Accordingly Estimates
were submitted with
certain observations, in
reply to which the Dy
Supt was referred to the
proposals contained in the
Letter (dt 19207 5/1/64) from
Col. Puckle.

Col Hall Elliot
the then Dy Supt of Lhunger
forwarding a letter from
Captain Ludlow together
with a memo from Mr
Mc hennie, suggested the
advisability of filling the
Kumbargundy ley sand
in the river bed

On 6/11/71 the Dy
Supt called for an Estimate
shewing the quantity of
Sand and the number of
coolies required for
filling the ravine and
on its receipt; the Dy Supt

Superintendent remarked × 10/1/72 b/
that the work was a very
expensive one; but
that as its execution was
indispensable for the improve-
ment of the town and
well being of its inhabitants,
it might be commenced at
once by Convict labor.
The river was then full
and the work was not
taken on hand at once.

On 23/11/72 the Dy
Supt. applied for the Services
of 50 Convicts, but was
told that such a small
number would be too
inadequate to carry on
the work.

Subsequently a
channel for the prevention
of the drainage water from
running into the Kumbargundy.
was constructed and on
its breach it was repaired
by convicts. On 7/2/74.
the Board, apprehending
its breach again on account
of the pressure of water,
resolved to revet the channel
with stones at a total cost

cost of Rs 500. This was sanctioned by Sagar Superintendent

On 31st March 1874, the Chief Comr sanctioned* the proposals of Mr Ricketts for the closing of the Kumbargundy Valla. On the submission+ of a regular estimate for Rs 4201 for filling the valla, the Chief Comr conveyed his Sanction* thereto with certain remarks.

After some Correspondence between this office on the one hand and the Dy Supt and the Judicial Comr on the other, it was decided by the Chief Comr that the Municipality at Shimoga should be exempted from the payment of the cost of the convicts proposed to be employed in filling up the Kumbargundi reservoir, but should pay any extra charge on account of the pay of guards required to watch them

On 2/11/74 one hundred and fifty convicts were placed at the disposal of the Municipality; but under orders of the Dy Supt, they were detached on other works till 25/11/74, when they were

* No 7164/108 Dt 31/3/74 to Sagar Supt

+ It does not appear from papers whether the money was expended on the work

823/12 Dt 2/5/74

* Pro No 5166/1091 Dt 15/10/74

were actually employed in filling Kumbargundy.

The convicts would appear to have been withdrawn from this work on 23/2/75 for certain works in the Jail premises. It is not apparent from papers when the convicts resumed the work of filling the Valla.

In their Pro. of 29/7/76 the Board resolved to construct a dam across the Kumbargundy gap near the Tailors street and asked the opinion of the L. I. Engineer Mr. Inman, as professional opinion was considered necessary. He recommended × the construction of flood gates in the arch of the Kumbargundy Bridge in Brahmin street as the simplest and the most effective method of dealing with the evil and forwarded a sketch embodying the details of the proposed gates.

With reference to Board's Pro of 29/7/76 referred to above, Col Hill enquired × what amount of work was required to be done to fill up

× No 25 of 8/8/77 To Shimoga Dy Com

× Letter No 942 of 19/7/78

(9

up the Kumbarguudi; & how
far the town refuse might
be utilized for the
work and requested the
President to espedite the
completion of the work.
securing the services of a large
gang of convicts in the Jail.

Dy Com's c/o 1168 07/2/78

The work that remained
to be done on 7/2/78 was
filling up all that part
between the road crossing
from Pinderkere and the
river. The Dy Com's stated
that owing to the employment
by the Civil Surgeon of
several prisoners on the
work in his garden, the
services of larger number,
than were then employed
in filling the pit, could
not be secured; and that
the Municipality was, on
sanitary grounds advised
not to use town refuse
in filling the pit.

The Commissioner etagar
objected to the practice of
scattering convicts over
several works, rendering
supervision and maintenance
of descepline difficult.

But

But the Jail Superintendent 10/
replied that no more x 3/4/78.
than the men employed
by Municipality, viz Rs 125-
could be made available
for filling the pit, as
other men numbering in
all 158 employed as
particularized in the
margin, could not be
withdrawn

100 on Garden
25 Coolies
16 water carriers
17 Convalescent
158 Total

Thereupon the Dy Conr
desired to fill the stalls
by the use of earth Trucks
on rails and enquired of
the Executive Engineer
if they were available in
his stores. Neither Trucks
nor rails were available
and the idea of filling the
stalls by the use of Trucks
was given up.

On 23/3/79 Col Hill
forwarded an Estimate
with plan for filling the
pit to the Executive
Engineer and asked his
advice as to how best
the cost of filling the pit
could

could be reduced, since the large gang of convicts employed at one time produced no impression upon the Goondah; that the Municipality had no means of executing the work and that no aid could then be expected from Govt owing to reductions.

The Executive Engineer offered his views in detail on the proposed work and returned the Estimate. The Board agreeing with his recommendations requested that they might be favored with an Estimate of the cost of the work; viz.

(1) ½ filling Kumbargundy

(2) Levelling the pit completely with Sand from river bed.

But the Executive Engineer regretted the want of a subordinate who could be deputed for the work and suggested the entertainment of a temporary Supervisor to do the work. The Board therefore resolved to defer the Consideration of the

1/9/79

× Pro 07 30/6/80

gigantic work till the requisite funds should be available and trained staff secured for preliminary surveys.

When the Municipality had at its credit Rs 11477. the Board in their Pro of 11/7/82 resolved to utilize the amount on the drainage scheme* according to the plan got up by Major Babington after having it revised by the officers of the P. W. D.

* estimated to cost Rs 20108 but given up from want of funds.

Owing to a large mortality from fever in 1886 the Board resolved* that the Govt might be moved to hand over to the P. W. D or other special agency the Kumbargundy project; as the Municipality with its limited means and unskilled establishment could not hope to successfully carry it out. The Dy Com: in submitting the Proceedings with his strong support said that Rs 10000 which the Mty offered to place at the disposal of Govt would

* 30/1.

to be sufficient
Rs; but in a matter
of such vital importance to
the health of the town only
second to Mysore in
importance and size, it
might not be deemed
an unjustifiable diversion
of funds if a small allot-
ment be made from the
Local Fund assets.

A Sum of Rs 10402,
or nearly the whole of the
Surplus funds at the credit of the Mly
Fund was sanctioned to be
expended for the execution
of Sanitary works (including
the marginally noted works
costing Rs 2×300 belonging
to the Kumbargundy Project),
for the suppression of cholera
which broke out in the
latter part of the year 1887.

$\frac{307\cdot 9}{175}$ of 24/1/88.

(1) Opening new road thro' the back yard of houses --- 1000 Rs
(2) Extending the existing road in front of Kumbargundy watta } 1500

Camp c/o 1910 of 17/11/88

On a cholera report
of the town, the Dewan
Bahadur observed as follows:
" Special sanitary
measures are obviously required
in Shimoga town, where
cholera is becoming almost
an annual epidemic. The
town

town requires ...
draining and the
its water should be
fully improved. The Dy
Com: is accordingly requested
to submit a general report
on the subject, preliminary
to deputing an Engineer
officer to inspect and
report upon the town".

The Dy Com: has
also been requested to state
what amount and from
what funds had been
spent upon this project
from time to time.

In reply the Dy Com:
submits two files of press
containing information,
whose abstract is given
above, and states that
fever of virulent type
which raged in 1886 and
cholera which prevailed in
1887 and 1888 carried off
468 souls in the town: the
officers responsible for the
well-being of the town have
for the past 25 years made
earnest but ineffectual
endeavours

endeavours to cope with the evil: that the 10000 Rs the Municepality had at its credit, having been expended, it finds itself in the position of a supplicant to Govt for a loan to meet even ordinary expenditure. The Dy Coms therefore solicits Govt to take up the drainage scheme into its own hands as it has done with success in Mysore and thus save the third town in the Province from recurring panics from fever & cholera. As a first step the Dy Coms recommends that a Sanitary Engineer be deputed to examine the place and frame a project with the help of the Plain table Survey maps of the town.

The Senior Surgeon attributes the recurring epidemics in the town to the defective sanitation and impure water supply and suggests that a sanitary survey of the town may be ~~teetsers~~ ordered to

Loan of Rs 5000 from Provincial funds repayable in 5 years sanctioned: Pro etc 6043-40/21/12/88 166

✓ etc 1764 of 6/12/88

to be taken by the Superintending Engineer and that measures recommended for adoption in Chaynigeed may be carried out in the town of Shimoga and other places on the banks of rivers. In his subsequent letter he suggests (1) that in the event of the Supt & Engr being unable to make the Sanitary survey, Mr Standish Lee may be deputed to do so, as he will very soon be able to point out the principal sanitary defects requiring first consideration and (2) that whatever may be done may be so arranged as to be capable of forming part of any more comprehensive scheme which may be devised hereafter.

From enquiries made in the P. W. D., I have this day learnt that the Diemen

× Senior Surgeon's Letter to I.S.G. dt 26/10/87 was forwarded in original to Mysore Dy Comr., from whom no reply has as yet been received.

× etc 1912 dt 31/12/88

(17)

Dewan Bahadoor approved of the Supty Engineer's proposal[x] to depute Mr. Standish Lee for the preparation of projects for the efficient system of water supply and drainage in Shimoga, and that the Sanitary Engineer is now in that town.

Submitted for orders.

19/2/89

x Vide D.P.W Memo copy submitted.

(7) 18

7098-1902 9/11/02
L.7.10-93.

Sanj 57-02-1

Pro of the Govt of Mysore.

Order

Govt observe that the bulk of the Municipal Revenue of the Shimoga Municipality is being spent on fixed charges - leaving practically nothing for expenditure on ~~the~~ roads & lanes, drainage and repair, and on other improvements, despite the fact that some 25 persons are daily employed on Municipal work - It is a question whether the present expenditure cannot be retrenched somewhat. So as to enable the Board to spend more on town improvement -

2. It is not clear why Sriman Lakshmi should not be ~~known as~~ entitled on such improvement of the Lumbar Quarter as the removal of rank vegetation therefrom and the excavation of deltas ~~for flood~~ resulting in more - ~~pure~~ absorbent and ~~and~~ health-improving plants

(7)

such as Eucalyptus Wood
~~Planting~~. As regards the
Planting best suited for
such land & climate,
the Supdt of Govt Gardens
should be consulted &
his advice & assistance
invoked —

3. The action at present
yielded a small ~~profit~~ income
but will require
a question whether it
cannot be materially
increased by better cultivation.
~~Expenditure~~ — The attention
of the President will
be invited to this —

Recd
6.XI.02

Recd
1/11/02

To The President of Municipalities
in the Shimoga District —
Inspector General of Prisons.
Supdt Govt Gardens
Bangalore —

Vide Draft-Correct
Sheet 5

(3)

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS (7)

THE MAHARAJA OF MYSORE. R.L.774.

ORDER NO ~~_____~~ No 7698—7702 L.7.10—1893 28/11/02

DATED BANGALORE NOVEMBER 1902.

Government observe that the bulk of the Municipal revenue of the Shimoga Municipality is being spent on fixed charges leaving practically nothing for expenditure on roads and lanes (original works and repair) and on other improvements, ~~despite the fact that~~ although some 25 Prisoners are daily employed on Municipal work. It is a question whether the present expenditure cannot be retrenched somewhat so as to enable the Board to spend more on town improvement.

2. It is not clear why prison labour should not be utilized on such improvement of the Kumbargundi as the removal of rank vegetation therefrom and the excavation of pits for planting such trees as the Eucalyptus, which may help to ~~putting in moisture-absorbing and health-improving plants~~ draw off moisture & improve the healthiness of the locality ~~such as Eucalyptus &c. As regards the plants best suited for such land and climate,~~ the Superintendent of Government Gardens should be consulted and his advice ~~and assistance~~ taken as to what ~~invoked.~~ class of trees are best suited for such locality.

3. ~~The Octroi at present yields a disappointingly small~~ The revenue from Octroi is at present very much less than what it ought to be revenue and it is a question whether it cannot be materially improved by better supervision. The attention of the President will be invited to this matter.

For Secretary.

The President of Municipalities in the Shimoga District.

Inspector General of Prisons in Mysore.

Superintendent, Government Gardens, Bangalore.